

BOOK 2 QUESTIONS
CASUALTY, CHEMICAL TESTING, ETC.

136. Under the federal regulations, what minimum level of Blood Alcohol Content (BAC) constitutes a violation of the laws prohibiting Boating Under the Influence of Alcohol (BUI) on commercial vessels?
- A. .18% BAC
 - B. .10% BAC
 - C. .06% BAC
 - D. .04% BAC

ANSWER: D

307. Which type of chemical testing is NOT required of merchant marine personnel?
- A. Pre-employment
 - B. Periodic
 - C. Random
 - D. Annual

ANSWER: D

310. Operators of Uninspected Passenger Vessels are required to keep their Coast Guard License aboard _____.
- A. only when operating more than one mile from shore
 - B. only when operating at night
 - C. only when carrying passengers for hire
 - D. At all times

ANSWER: C

313. With the exception of a Coast Guard approved commercial hybrid Personal Flotation Device (PFD), which type of life preserver must be carried for each person on board an uninspected passenger vessel?
- A. Type I
 - B. Type II
 - C. Type III
 - D. None of the above

ANSWER: A

315. A vessel must have one approved ring life buoy on board if its length is over how many feet?
- A. 6 feet
 - B. 16 feet
 - C. 26 feet
 - D. 36 feet

ANSWER: C

316. On which form do you provide a written report of Marine Casualty to the nearest Coast Guard Marine Safety Office?
- A. DD 214
 - B. CG 2692
 - C. DOT 211
 - D. CG 5511

ANSWER: B

317. What requires a Report of Marine Accident, Injury or Death?

- A. Collision with a bridge
- B. Injury beyond first aid
- C. loss of life
- D. All of the above

ANSWER: D

322. What is considered a Serious Marine Incident?

- A. An allision that results in \$500 damage to a boat dock
- B. An injury to a crewmember, passenger, or other person which requires professional medical treatment beyond first aid
- C. Grounding of a vessel on a sandbar that does not result in injuries and/or any damage to the vessel
- D. None of the above

ANSWER: B

BOOK 3 QUESTIONS
NORTHERN RIGHT WHALES

848. It is unlawful to approach within how many yards of a northern right whale?

- A. 200
- B. 300
- C. 400
- D. 500

ANSWER: D

870. Vessels should maintain a sharp lookout, especially during December through March, when navigating the right whale's only known calving grounds which lie off the coasts _____.

- A. Nova Scotia
- B. Maine and Massachusetts
- C. Georgia and NE Florida
- D. California and Mexico

ANSWER: C

938. If within 500 yards (460m) of a right whale you are lawfully obligated to _____.

- A. turn away from the whale and leave at full speed
- B. turn away from the whale and leave at slow speed
- C. slow to bare steerageway until the whale swims away
- D. stop the vessel and sound repeated blasts on the ship's whistle to scare the whale away

ANSWER: B

969. The population of northern right whales, an endangered species, numbers approximately _____.

- A. 300
- B. 5000
- C. 100,000
- D. 1,000,000

ANSWER: A

1068. A vessel sighting a northern right whale dead ahead should _____.

- A. maintain course and speed
- B. alter course to give a wide clearance
- C. report the whale's position to the Canadian Coast Guard
- D. All of the above

ANSWER: B

1080. Information on northern right whales can be found in _____.

- A. the Coast Pilot
- B. HO 229
- C. the Nautical Almanac
- D. Ship's Medicine Chest and Medical Aid at Sea

ANSWER: A

1082. Northern right whales can be identified by _____.

- A. whitish patches of skin on top of the head
- B. "V" shaped blow easily visible from ahead or behind
- C. no dorsal fin on the back
- D. All of the above

ANSWER: D

BOOK 3 QUESTIONS GPS

173. When using GPS (Global Positioning System) you may expect your position to be accurate 95% of the time to within a radius of _____.

- A. 10 meters
- B. 20 meters
- C. 50 meters
- D. 100 meters

ANSWER: D

200. When navigating using DGPS (Differential Global Positioning System) you may expect your position to be accurate to within a radius of _____.

- A. 10 meters
- B. 20 meters
- C. 50 meters
- D. 100 meters

ANSWER: A

213. When using GPS, how many position lines are required for a 2D (dimensional) fix?

- A. 1
- B. 2
- C. 3
- D. 4

ANSWER: C

249. When using GPS, how many position lines are required for a 3D (dimensional) fix that takes into account altitude?

- A. 1
- B. 2
- C. 3
- D. 4

ANSWER: D

518. The modified civilian system that approaches military precision in global positioning is called _____.

- A. DGPS
- B. CGPS
- C. PGPS
- D. GPS

ANSWER: A

635. A low HDOP (Horizontal Dilution of Precision) number such as 2 indicates a _____.

- A. poor fix
- B. good fix
- C. poor signal quality
- D. good signal quality

ANSWER: B

724. Which statement concerning GPS is TRUE?

- A. It cannot be used in all parts of the world.
- B. There are 12 functioning GPS satellites at present.
- C. It may be suspended without warning.
- D. Two position lines are used to give a 2D fix.

ANSWER: C

738. Most GPS receivers use the doppler shift of the carrier phase to compute _____.

- A. Latitude
- B. Longitude
- C. Speed
- D. Time

ANSWER: C

790. The theory of the Transit satellite system is based on calculating _____.

- A. the distance from one satellite to a receiver

- B. the doppler effect (frequency shift) as one satellite crosses the sky
- C. the distance from multiple satellites to a receiver
- D. None of the above

ANSWER: B

769. What does not contribute to the commercial GPS receiver position error?

- A. Satellite clock
- B. Ship's speed
- C. Atmospheric/ionospheric propagation
- D. Receiver

ANSWER: B